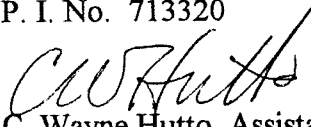


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ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE IM-NH-285-1(347)DeKalb County **OFFICE** Preconstruction
P. I. No. 713320
DATE March 19, 2001
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT NOTICE OF LOCATION AND DESIGN APPROVAL

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

CWH/cj

Attachment

DISTRIBUTION:

Tom Turner
David Mulling
Harvey Keepler
Herman Griffin
Paul Liles
Marion Waters
Jerry Hobbs
Marta Rosen
Jimmy Chambers
Joe Palladi
Steve Henry

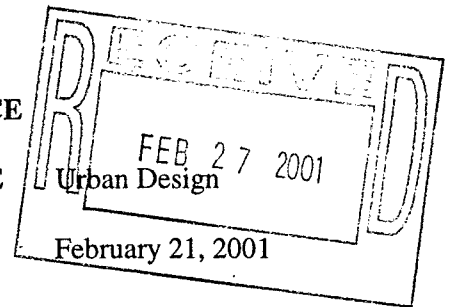
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE IM-NH-285-1(347), DeKalb County
P.I. No. 713320
I-285 @ SR 8/US 29/Lawrenceville Highway
FROM Joseph P. Palladi, State Urban Design Engineer

OFFICE

DATE



TO Wayne C. Hutto, Assistant Director of Preconstruction

SUBJECT Location and Design Report

DESCRIPTION: Project IM-285-1(347), DeKalb County is the proposed widening and reconstruction of S.R. 8/U.S. 29/Lawrenceville Highway in Decatur from Frazier Road/McLendon Drive, west of I-285, to Lovelay Lane, east of I-285 (approximately 1.2 Km). Lawrenceville Highway will be widened to six lanes, three lanes in each direction, with a raised median and turn lanes as needed at intersections from west of Linkwood Lane/Spruce Valley Drive to east of Lee Road. The raised median varies from 6.0 meter to 8.4 meter in width. Curb and gutter and sidewalks will be provided on both sides of the roadway throughout the project limits.

The existing Lawrenceville Highway bridge over I-285 will be widened from five lanes to eight lanes with a raised median (3 lanes in each direction with two left turn lanes).

This project will include relocation of side streets in the interchange area to improve the operational efficiency of Lawrenceville Highway within the above described project limits.

CONCEPT APPROVAL DATE: 6-11-1996

ENVIRONMENTAL ASSESSMENT APPROVAL DATE: 10-30-1997

PUBLIC HEARING RESULTS: The Public Hearing for this project was held on July 28, 1997 at the Rehoboth Baptist Church, 2997 Lawrenceville Highway, Tucker, Georgia. There were sixty-four comments received. Sixteen respondents were in favor of the proposed alternative, fifteen were in favor of the project with reservation, and thirty-four were opposed.

RECOMMENDATIONS: It is recommended that we approve this project Location and Design and that attached 'Notice' to be approved for advertising.

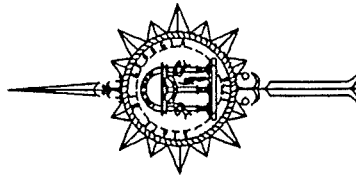
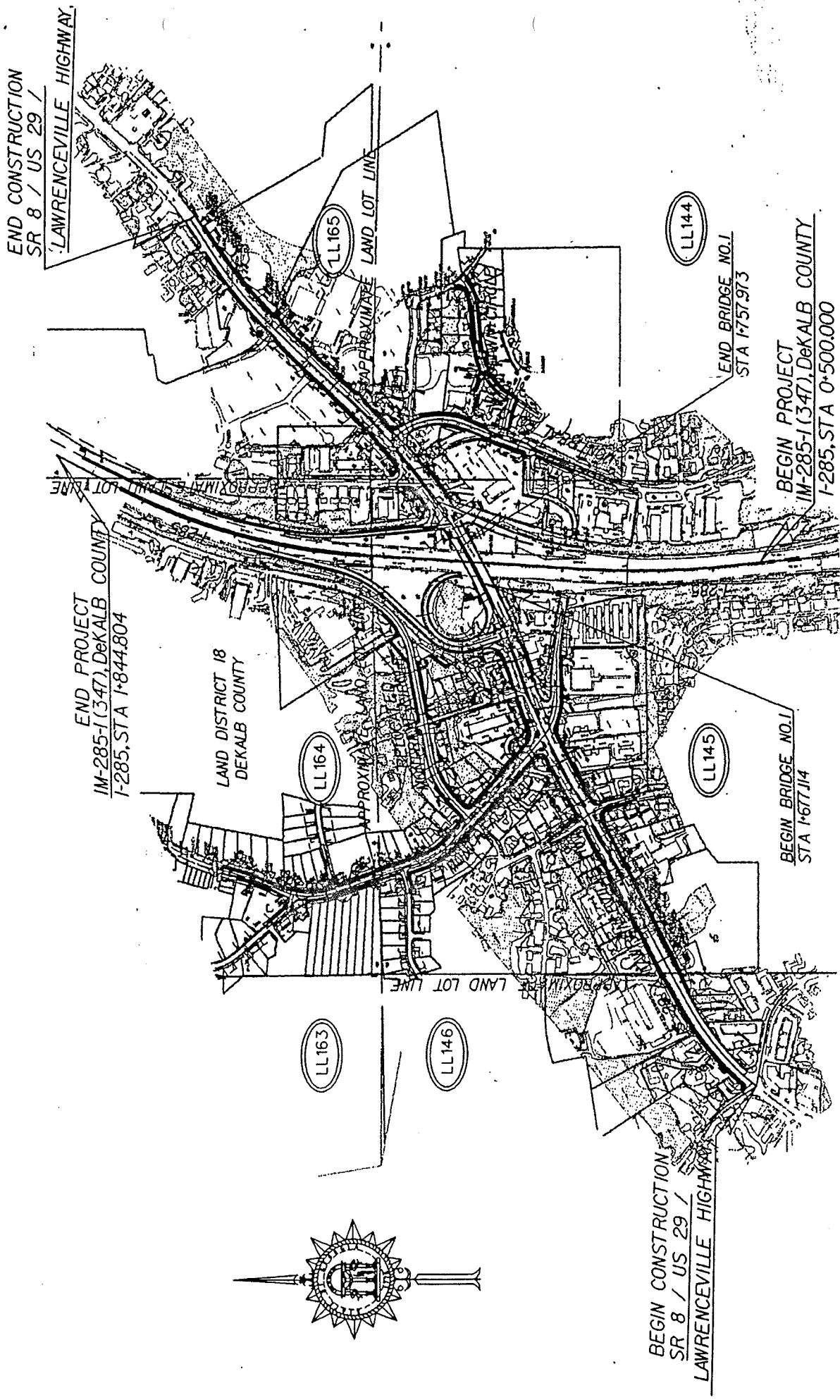
Recommend: Thomas L. Turner, Jr.
Tom L. Turner, Jr., P.E., Director of Preconstruction

Approved: Frank L. Danchetz
Frank L. Danchetz, P.E., Chief Engineer

JPP:WWP:sp

Attachments: Sketch Map, Cost Estimate, and Notice of Location and Design Approval

m:\713320\office\L&D



BEGIN CONSTRUCTION
SR 8 / US 29 /
LAWRENCEVILLE HIGHWAY

REVISED PRELIMINARY COST ESTIMATE
OFFICE OF URBAN DESIGN

DATE: February 19, 2001

PREPARED BY: Peter Emmanuel

PROJECT NO: IM-285-1(347), DeKalb County

P.I. NO: 713320

PROJECT LENGTH: 1.14km

PROJECT COSTS

RIGHT OF WAY:

\$6,862,000

REIMBURSABLE UTILITIES:

Not Available
at this time

CONSTRUCTION:

A. MAJOR STRUCTURES

1. Bridges (82m x 28.62m):	2,347	M2 @	\$594	\$1,394,808
2. Raise Existing Bridge:	1,312	M2 @	\$337	\$441,636

SUBTOTAL \$1,836,444

B. GRADING AND EARTHWORK

LS \$550,000.00 \$550,000

C. DRAINAGE

LS \$500,000.00 \$500,000

D. BASE AND PAVING

1. Asphalt Paving:				
12.5 mm Superpave	7,960	Mg @	\$49.85	\$396,806
19 mm Superpave	10,327	Mg @	\$43.31	\$447,263
25 mm Superpave	7,668	Mg @	\$54.20	\$415,606
Asph. Conc. Leveling	4,778	Mg @	\$48.92	\$233,740
Bituminous Tack Coat	38	kL @	\$262.53	\$9,977

2. Graded Aggregate Base, 300 mm:	41,178	Mg @	\$13.67	\$562,904
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3. Mill Asph. Conc. Pvmnt., Variable Depth:	31,232	M2 @	\$3.00	\$93,696
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SUBTOTAL \$2,159,992

E. CONCRETE WORK

1. Approach Slabs:	691	M2 @	\$154.79	\$106,960
2. Curb and Gutter:	5,816	LM1 @	\$34.63	\$201,409
3. Sidewalk:	1,972	M2 @	\$23.67	\$46,678

4. Median Paving (150 mm thick with Type 7 curb face):	4,334	M2 @	\$35.41	\$153,467
5. Grooved Concrete:	691	M2 @	\$5.05	\$3,490
6. Conc. Valley Gutter, (150mm):	67	M2 @	\$36.17	\$2,424
7. Conc. Valley Gutter, (200mm):	400	M2 @	\$41.75	\$16,700

SUBTOTAL \$531,128

F. SIGNS AND STRIPING

1. Stripping:		LS	\$19,000.00	\$19,000
2. Roadside Signs:		LS	\$4,500.00	\$4,500
3. Overhead Signs:	8	EA @	\$2,000.00	\$16,000

SUBTOTAL \$39,500

G. TRAFFIC SIGNALS

Installations	5	EA @	\$30,000.00	\$150,000
Strain poles/installation	4	EA @	\$13,500.00	\$54,000

SUBTOTAL \$204,000

H. GUARDRAIL

Type "T":	90	LM1 @	\$114.46	\$10,302
Type "W":	500	LM1 @	\$37.41	\$18,705
Type 1 Anchors:	4	EA @	\$430.00	\$1,720
Type 12 Anchors:	4	EA @	\$1,345.97	\$5,384

SUBTOTAL \$36,111

I. TRAFFIC CONTROL: IM-285-1(347)		LS	\$80,000.00	\$80,000
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J. CLEARING AND GRUBBING:	14	HA @	\$27,262.00	\$391,210
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K. GRASSING/LANDSCAPING:	7	HA @	\$3,422.65	\$22,248
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L. TEMPORARY EROSION CONTROL:		LS	\$90,000.00	\$90,000
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M. MISCELLANEOUS ITEMS

1. Pavement Reinf. Fabric Strips, Self Adhesive:	1,908	LM1 @	\$6.57	\$12,536
2. Field Engineer's Office (Type 2):		EA @	\$38,332.02	\$38,333
3. Fencing-Limited Access:	91	LM1 @	\$29.53	\$2,688
4. Right-of-Way Markers:	150	EA @	\$74.53	\$11,180
5. Precast Concrete Median Barrier, Method 2:	800	LM1 @	\$74.01	\$59,208
6. Concrete Median Barrier, Type 25:	246	LM1 @	\$462.00	\$113,652
7. Concrete Side Barrier, Type 7c:	60	LM1 @	\$533.18	\$31,991

SUBTOTAL \$269,588

TOTAL \$6,710,221

ESTIMATE SUMMARY

Right of Way:	\$6,862,000
Reimbursable Utilities:	Not Available at this time

CONSTRUCTION COST SUMMARY

A. Major Structures:	\$1,836,444
B. Grading And Earthwork:	\$550,000
C. Drainage:	\$500,000
D. Base And Paving:	\$2,159,992
E. Concrete Work:	\$531,128
F. Signs and Stripping:	\$39,500
G. Traffic Signal:	\$204,000
H. Guardrail:	\$36,111
I. Traffic Control:	\$80,000
J. Clearing And Grubbing:	\$391,210
K. Grassing/Landscaping:	\$22,248
L. Temporary Erosion Control:	\$90,000
M. Miscellaneous Items:	\$269,588
SUBTOTAL ROADWAY ITEMS:	\$4,873,777
TOTAL CONSTRUCTION ESTIMATE:	\$6,710,221
3 YEARS OF INFLATION @ 5% PER YEAR:	\$1,057,699
10% E & C:	\$776,792
TOTAL:	\$8,544,712

NOTICE OF LOCATION AND DESIGN APPROVAL

**IM-NH-285-1(347), DEKALB COUNTY
P.I. NO. 713320**

NOTICE is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

Project IM-285-1(347), DeKalb County, Land Lots 144, 145, 146, 163, 164, and 165 in Land District 18, is the proposed widening and reconstruction of S.R. 8/U.S. 29/Lawrenceville Highway in Decatur from Frazier Road/McLendon Drive, west of I-285, to Lovelay Lane, east of I-285 (approximately 0.75 mile). Lawrenceville Highway will be widened to six lanes, three lanes in each direction, with a raised median and turn lanes as needed at intersections from west of Linkwood Lane/Spruce Valley Drive to east of Lee Road. The raised median varies from 20 ft. to 28 ft. in width. Curb and gutter and sidewalks will be provided on both sides of the roadway throughout the project limits.

Date of Location and Design approval: 19-MARCH-2001

The existing Lawrenceville Highway bridge over I-285 will be widened from five lanes to eight lanes with a raised median (3 lanes in each direction with two-left turn lanes).

This project will include relocation of side streets in the interchange area to improve the operational efficiency of Lawrenceville Highway for the above described project limits.

Drawings of the proposed project are on file and are available for inspection at the Georgia Department of Transportation, No. 2 Capitol Square, Atlanta, Georgia 30334, telephone (404) 656-5442.

Any written request in reference to this Notice may be referred to:

Joseph P. Palladi, P.E.
State Urban Design Engineer
Georgia Department of Transportation
No. 2 Capitol Square
Atlanta, GA 30334-1002

